

CLAIMS

1. A perfluoro compounds decomposition method which comprises bringing a gas containing perfluoro compounds under heating into
5 contact with a solid reactant, thereby fixing the fluorine component on said reactant, characterized in that said reactant contains an alkaline earth metal compound and aluminum oxide.
2. A reactant for decomposition of perfluoro compounds, which contains
10 an alkaline earth metal compound and aluminum oxide.
- 3 A reactant for decomposition of perfluoro compounds, according to claim 2, in which said alkaline earth metal compound is magnesium oxide.
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4. A perfluoro compounds decomposition apparatus which comprises a reaction section filled with a solid reactant, gas flow passages capable of feeding a gas containing perfluoro compounds to said reaction section and of discharging a gas left after the reaction, and heating means for heating said reaction section or the gas to be fed to the
20 same reaction section, characterized in that said reactant is a reactant for decomposition of perfluoro compounds according to claim 2 or 3.

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